

CLAIM AMENDMENTS

1-4. (Canceled)

5. (New) An arrangement for generating electrical energy having at least one fuel cell which has a membrane unit for direct or indirect separation, for transporting at least one of charge carriers and reaction gases, or for both direct or indirect separation and transporting at least one of charge carriers and reaction gases, it being possible for gaseous fuel to be fed to an anode on one side of a polymer membrane belonging to the membrane unit and for an oxidizing gas to be supplied to a cathode on the other side of the polymer membrane, and for reaction products to be discharged, wherein the membrane unit is arranged in a fuel cell in a road vehicle for transporting at least one of goods and passengers, along a plane which, in a horizontal position of the vehicle, runs at a right angle or virtually at a right angle to the direction of the force of gravity.

6. (New) A membrane unit for at least one of direct or indirect separation, transporting charge carriers, and transporting reaction gases adopted for use in a fuel cell of an arrangement for generating electrical energy and for discharging reaction products, comprising:

a polymer membrane,

an anode on one side of the polymer membrane to which gaseous fuel can be fed, and

a cathode on the other side of the polymer membrane to which an oxidizing gas can be supplied,

wherein the membrane unit is arranged along a plane which, in a horizontal position of a vehicle, runs at or virtually at a right angle to a direction of the force of gravity.

7. (New) The membrane unit as claimed in claim 6, wherein the vehicle is a road vehicle for transporting goods.

8. (New) The membrane unit as claimed in claim 6, wherein the vehicle is a road vehicle for transporting passengers.

9. (New) The membrane unit as claimed in claim 6, wherein the vehicle is a road vehicle for transporting goods and passengers.